ComX Computers
Product Specification Sheet

EAP110

TP-Link EAP110 300Mbps Wireless N Ceiling Mount Access Point

Product Overview

TP-Link EAP110 300Mbps Wireless N Ceiling Mount Access Point



Specifications

Features:

- EAP Controller Software enables administrators to easily manage hundreds of EAPs
- Support Passive PoE for convenient and affordable installation
- Simple mounting design to easily mount to a wall or ceiling
- 300Mbps wireless data rate for uninterrupted wireless connection
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- Rate limit on per SSID to restrict the bandwith of each client
- Access Control restricts or allows the client to access the specified network segment
- Reboot Schedule enables all the APs to be rebooted automatically within a specified time
- WPA/WPA2-enterprise, 802.1X with RADIUS secure authentication and rogue access point detection ensure the security of WLAN
- Multi-SSID divides multiple wireless network for different users
- Load balance ensures large numbers of users have smooth network experiences in large business networks
- Compatible with 802.11 b/g/n products
- Adopts Low Smoke Zero Halogen (LSOH) materials for UL2043 compliance
- Multiple operating modes satisfy different application conditions including managed AP and standalone AP modes
- QoS function prioritizes data, voice, and video applications to ensure time-sensitive traffic takes priority over all other traffic
- Prevents dust from dropping onto the PCB through bypass louver, which ensures long-term, unhindered operation.

Easy mounting design & PoE
The EAP's "ceiling lamp" appearance and easy mounting design with chassis make it easy to be integrated seamlessly into any wall or ceiling surface to blend in with most interior decorations. EAP110 support Passive PoE to make deployment effortless and flexible.

Business Class Wireless Powerful Hardware
EAP110 features 802.11n Wi-Fi and 2*2 MIMO technology, wireless speeds of up to 300Mbps
With Qualcomm Atheros 560MHz chipsets, EAP ensures incredible wireless coverage and reliability

EAP Controller Software

EAP Controller Software enables users to manage hundreds of TP-LINK's EAPs simultaneously and easily from PCs in the network, making centralized business Wi-Fi management efficient, visible and more cost-effective like never before.

Captive Portal

Captive portal provides one convenient method of authentication for Wi-Fi guests. A captive portal requires users to perform certain actions before network access is allowed. The required action must be verified by an external portal server or customized database by the administrator, which can be simply viewing and agreeing to an acceptable use policy, or entering a user ID and password.

Designed for Business Performance

With easy mounting design, PoE power supply, Cluster feature, Centralized management software, Captive portal, Auto RF management, and business hardware, EAP series are specially designed for the high-density, most demanding business environments, including schools, hotels, and enterprises.

Specifications:

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Specifications	
Product Code	EAP110
HARDWARE FEATURES	
Interface	Fast Ethernet (RJ-45) Port *1(Support Passive PoE)
Button	Reset
Power Supply	24V Passive PoE (+4, 5pins; -7, 8pins. PoE Adapter Included)
Power Consumption	7.7W
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Dimensions	7.5x6.8x1.2 in.
	(189.4x172.3x29.5mm)
Antenna Type	Internal 2* 3dBi Omni
Mounting	Ceiling /Wall Mounting (Kits included)
Physical Security Lock	Kensington Lock Slot
Watch Dog	Yes
WIRELESS FEATURES	
Wireless Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Frequency	2.4-2.4835GHz
Signal Rate	11n: Up to 300Mbps(dynamic)
	11g: Up to 54Mbps(dynamic)
	11b: Up to 11Mbps(dynamic)

Reception Sensitivity	300M: -71dBm@10% PER
	150M: -75dBm@10% PER
	54M: -78dBm@10% PER
	11M: -93dBm@8% PER
	6M: -92dBm@10% PER
	1M: -96dBm@8% PER
Wireless Functions	Multiple SSIDs (Up to 8 SSIDs)
	Enable/Disable Wireless Radio
	Automatic Channel Assignment
	Transmit Power Control (Adjust Transmit Power on dBm)
	QoS(WMM)
	Rate Limit
	Reboot Schedule
	Wireless Schedule
	Wireless Statistics based on SSID/AP/Client
Wireless Security	Captive Portal Authentication
	Access Control
	Wireless Mac Address Filtering
	Wireless Isolation Between Clients
	SSID to VLAN Mapping
	Rogue AP Detection
	802.1X Support
	64/128/152-bit WEP / WPA / WPA2-Enterprise, WPA-PSK / WPA2-PSK
Transmission Power	CE:
	<=19dBm
	FCC:
	<=26dBm
MANAGEMENT	
Omada Controller Software	Yes
EAP Controller Software	Yes
Email Alerts	Yes
LED ON/OFF Control	Yes
Management MAC Access Control	Yes
SNMP	v1, v2c
System Logging Local/Remote Syslog	Local/Remote Syslog
Telnet	Yes

Web-based Management	HTTP/HTTPS
Management VLAN	Yes
OTHERS	
Certification	CE, FCC, RoHS
Package Contents	300Mbps Wireless N Ceiling Mount Access Point EAP110
	Passive PoE Adapter
	Power Cord
	Mounting Kits
	Installation Guide
System Requirements	Microsoft Windows 10/8/7/Vista/XP
Environment	Operating Temperature: 0 degreesC~40 degreesC (32 degreesF~104 degreesF)
	Storage Temperature: -40 degreesC~70 degreesC (-40 degreesF~158 degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/EAP110-TP-Link-EAP110-300Mbps-Wireless-N-Ceiling-Mount-Access-Point-p-216290.php

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